

# Kansas Corporation Commission Oil & Gas Conservation Division

1141344

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
☐ Oil         ☐ WSW         ☐ SWD         ☐ SIOW           ☐ Gas         ☐ D&A         ☐ ENHR         ☐ SIGW           ☐ OG         ☐ GSW         ☐ Temp. Abd.           ☐ CM (Coal Bed Methane)         ☐ CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used?
Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW  Plug Back: Plug Back Total Depth  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:  ENHR Permit #:  GSW Permit #:	Chloride content:ppm Fluid volume:bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:  Lease Name:License #:  Quarter Sec TwpS. R East West  County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	

### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Side Two

1141344

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations per t-in pressures, whether s st, along with final chart( well site report.	shut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	ie		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			_	ew Used			
Durnous of String	Size Hole	Report all strings set-	conductor, surface, int Weight	ermediate, producti Setting	on, etc.  Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING / SQI	IEEZE DECODO			
Purpose:	Depth			JEEZE RECORD	Time and F	Doroont Additivoo	
Perforate	Top Bottom	Type of Cement	# Sacks Used Typ			Percent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Shots Per Foot	PERFORATION Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	gs Set/Type		cture, Shot, Cement		l Depth
	Зреспу і	Octage of Lacri Interval Fer	lorateu	(Al	TIOUTIL ATTU KITIU OF WIE	iteriai Oseu)	Бериі
TUDING DECORD.	Si=a.	Cot Atı	Packer At:	Liner Dun			
TUBING RECORD:	Size:	Set At:	Packer At.	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf War	er Bl	bls. (	Gas-Oil Ratio	Gravity
	ON OF GAS:		METHOD OF COMPL		amin ala -l	PRODUCTIO	N INTERVAL:
Vented Solo		Open Hole	Perf. Dually (Submit		nmingled mit ACO-4)		
(ii ventea, Sui	bmit ACO-18.)	Other (Specify)			l —		

Form	ACO1 - Well Completion					
Operator	Palomino Petroleum, Inc.					
Well Name	Rebel 1					
Doc ID	1141344					

# Tops

Name	Тор	Datum
Anhy.	1656	(+ 742)
Base Anhy.	1696	(+ 702)
Heebner	3752	(-1354)
Lansing	3794	(-1396)
ВКС	4141	(-1743)
Marmaton	4149	(-1751)
Pawnee	4233	(-1835)
Ft. Scott	4305	(-1907)
Cherokee Sh.	4330	(-1932)
Miss. Por.	4433	(-2035)
LTD	4540	(-2142)





P. O. Box 466 Ness City, KS 67560 Off: 785-798-2300



# Invoice

DATE	INVOICE#
2/8/2013	24108

**BILL TO** 

Services.

Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Wel	II Туре	ype   Well Category		Job Purpose	Operator
Net 30	#1	Rebel	Ness	Express Well Serv		Oil Development		Squeeze Perfs	s Jason	
PRICE F	REF.		DESCRIPT	TON		QTY	Y	UM	UNIT PRICE	AMOUNT
575D 578D-D 286 290 325 581D 582D	Pu Ha D- Sta Se Mi	ileage - 1 Way mp Charge - Deep lad-1 (Halad 9) Air andard Cement rvice Charge Ceme inimum Drayage C	ent 'harge	500 Ft.)			1 15 1 50	Miles Job Lb(s) Gallon(s) Sacks Sacks Each	6.00 1,500.00 7.50 35.00 13.50 2.00 250.00	90.00 1,500.00 112.50T 35.00T 675.00T 150.00 250.00 2,812.50 51.82

We Appreciate Your Business!

Total

\$2,864.32



CITY, STATE, ZIP CODE

_	_	-
ADDRESS		CHARGE TO:
	TAG	
	DM/ND	
	TELL	
	COLFUM	and the state of t
		-

TICKET

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PAGE

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LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X MUST BE SIGNED BY CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	335 581	290	PRICE SECONDARY REFERENCE/ EFERENCE PART NUMBER LOC ACCT  \$75  \$78	SERVICE LOCATIONS  WELLIPROJECT NO.  LEASE  TICKET TYPE SERVICE SALES  WELL TYPE
REMIT PAYMENT TO:  SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300	STANDARD CEMENT CEMENT SERVICE CHARGE	HALAD-1 D-AIR	MILEAGE \$ 115	WELL CATEGORY JOB PURPOSE  WELL CATEGORY JOB PURPOSE  WELL CATEGORY JOB PURPOSE  WELL CATEGORY JOB PURPOSE  TENELOPMENT JOB PURPOSE  WELL CATEGORY JOB PURPOSE  TENELOPMENT JOB PURPOSE  WELL CATEGORY JOB PURPOSE
SURVEY  SURVEY  AGREE  UN- DIS- DECIDED AGREE  WITHOUT BREAKDOWN?  WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? ARE YOU SATISFIED WITH OUR SERVICE?  ARE YOU SATISFIED WITH OUR SERVICE?  ARE YOU SATISFIED WITH OUR SERVICE?  ARE YOU SATISFIED WITH OUR SERVICE?	50 sx 75 sx 7050  bx 52,87 m	15 /bs	ATY. UM ATY. UM	HIPPED DELIVERED TO VIA WELL PERMIT NO.
PAGE TOTAL 28/2 50 TAX 50 51 82 TOTAL 2864 32	13 50 (0.75 00 2570 00 2570 00 2570 00	750 112 50	UNIT AMOUNT PRICE AMOUNT  (S) 90 90 90 90 90 90 90 90 90 90 90 90 90	DATE OWNER  STEB13 OWNER  ORDER NO.  WELL LOCATION  WELL SOCITION

SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

Thank You!

APPROVAL

SWIFT Services, Inc. JOB LOG DATES FEB 13 PAGE NO. CUSTOMER PEROLEUM WELL NO. JOB TYPE PERF SQUEEZE PUMPS PRESSURE (PSI) VOLUME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING (BBL) (GAL) BAD ON LOCATION 278x52 PERS@4434-41 4450-52 PACKER @ 43/2 0843 3 16 500 LOAD ANNILUS - PSIUP-SHUT IN. 6854 31 TAKE INJECTION RATE 1200 0904 102 MIX50sx STANDARD - FIRST 155x W/HALAND 0908 WASH OUT Pump & LINES. START DISPURING CEMENT 0911 35 300 19 1000 0925 SHUT IN - WASH TRUCK 25 2000 0938 1600 STAGING 1003 25<u>00</u> 1014 RELEASE PSI - DRY 400 REVERSE CLEAN 30 1017 JOB COMPLETE 1100 THANKS \$ 115 JASON JEFF RUB



FEB 0 % 2013

P. O. Box 466 Ness City, KS 67560 Off: 785-798-2300



# Invoice

DATE	INVOICE#
2/4/2013	23851

BILL TO

Services.

Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

**Thank You For Your Business!** 

- Acidizing
- Cement

Total

\$4,781.64

• Tool Rental

TERMS	Well No	o. Lease	County	Contractor	Wel	/ell Type   Well Catego		ell Category	Job Purpose	Operator
Net 30	#1	Rebel	Ness	Cheyenne Well Se		Oil Development			Port Collar	Nick
PRICE F	REF.		DESCRIPT	TON		QTY	′	UM	UNIT PRICE	AMOUNT
575D 576D-D 290 330 276 581D 582D	F S S N	Mileage - 1 Way Pump Charge - Port ( D-Air Swift Multi-Density ( Flocele Service Charge Ceme Minimum Drayage C Subtotal Sales Tax Ness Coun	Standard (MID ent 'harge	CON II)			1 2 150 50	Miles Job Gallon(s) Sacks Lb(s) Sacks Each	6.00 1,250.00 35.00 16.50 2.00 2.00 250.00	120.00 1,250.00 70.00T 2,475.00T 100.00T 350.00 250.00 4,615.00 166.64



ADDRESS
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TICKET

Nº 23851

DATE SIGNED 2-4-43 TIME SIGNED 110	HED BY CUSTOMER OR CUIRK OR DELIVERY OF GOOD	LIMITED WARRANTY provisions.	the terms and conditions on the reverse side hereof which include, but are not limited to BAYLENT DELEGATION.		(83		276	330	290	5760	22.53	PRICE SECONDARY REFERENCE/ REFERENCE PART NUMBER	REFERRAL LOCATION INVOICE INSTRUCTIONS		SCE		SERVICE LOCATIONS WEI LIDEO IECT NO	
O O D P.M.		NDEMNITY, and	es and agrees to of which include,	7	, 13		2	2				ACCOUNTING LOC ACCT DF	TIONS	WELLO	Cheyenne 1			CITY, STATE, ZIP CODE
		CWIET CEDVICES INC	REMIT PAYMENT TO:	Drayage Minimum	Cement Service Charg		Flocele	SMD Coment	0-4/- 0	Pump Charge Cost Colle	MILEAGE #///	DESCRIPTION	100 1 101	<u>~</u> m	Wall Service RIG NAMEINO.	Rebel Wess		CODE
Custo	PERFORMED WITHOUTHE WE OPERATED THE AND PERFORMED JO CALCULATIONS SATISFACTORILY?	WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		æ					(m)				W	SHIPPED D	SIAIE C		
CUSTOMER DID NOT WISH TO RESPOND	PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICES	ND	AGREE DECIDED	1 84	125 1/25		# 05	150 sts	2001	189	, (Ca &	מדץ. אין מדץ.		WELL PERMIT NO.	DELIVERED TO	CIT		
TOTAL	7ess TAX 9		AGREE PAGE TOTAL	250 80	28		2 00	1650	35 Pe	1250 00	200	UNIT PRICE		WELL LOCATION	ORDER NO.	2-4-13 OW		PAGE
478 64	H9 991		1615 00	25000	20 PSE		100 00	247500	7000	1250 00	120 00	AMOUNT			i	OWNER		OF

SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

DATE 2-4-13 PAGE NO.

CUSTOMER	mine 1	Petroleur	WELL NO.	1,	LEASE P	bel	JOB TYPE Port Collar	TICKET NO.
CHART NO.	TIME	RATE	VOLUME	PUMPS	PRESSU	RE (PSI)	DESCRIPTION OF OPERATION AND	2.3851
NO.	0925	(BPM)	(BBL) (GAL)	TC	TUBING	CASING		
	10123				<u> </u>		onloc setup Trks	
	<del>                                     </del>			┟──╁─	<u> </u>	<del> </del>	2 3 x 5 2"	
****						<del> </del>	28 X3 Z	
	1						P.C.@	
							1. 4 0/	***************************************
-	1000					1000	Focate PC.	
						7000	Test Csq to 1000 Ps	
***************************************	1005	3	3		100	$\dagger$	Open P.C. Takeinjegte & chec	1011
							Jakeing tale & Chec	K tor Blaw
	1010	سخر جي	0		150	<del>                                     </del>	start Coment	
***************************************	10.30	3.5	72		200		Circulated +1 Rais	e ii. 1 +
	1032	3,5	77/0		200	1	Circulate Cement / Rais End Cement / start Di	a weight
	1034		5		200		Cendat Displaced	-prace Mens
	,						Comment is spice of	
							ClasePC	
	1038					1000	Close P.C. Test Csg to Koo Ps,	-
-							7 ,000	
							Run 5jto	***************************************
	1045	3	0			100	Reverseout	
	1050		15				Hole Clean	
					-			
							150 sks SMD	
							150 sks SMD Circ 20 sks to pi	+
				_			Thank you	7
							Nick, David E. Y	Fligt



# JAN 3 0 2013





DATE	INVOICE#
1/25/2013	23686

BILL TO

Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	We	II Туре	W	ell Category	Job Purpose	Operator
Net 30	#1		Rebel	Ness	Val Energy Rig #2		Oil	D	evelopment	5-1/2" LongStrin	ng Wayne
PRICE	REF.			DESCRIPT	ION		QT\	′	UM	UNIT PRICE	AMOUNT
575D 578D-L 221 281 403-5 404-5 406-5 407-5 409-5 325 330 283 276 284 285 290 581D 582D		Pum Liqu Mud 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 Stan Swiff Salt Floca Calsa CFR D-Ai Servi Mini	tele seal R-1 ir rice Charge Ceme imum Drayage C	t t Top Joint #70 - lug & Baffle loe With Auto Standard (MID ent harge	1628 Feet Fill			1 4 500 2 1 1 1 10 100 100 500 50	Job Gallon(s) Gallon(s) Each Each Each Each Each Sacks Sacks	6.00 1,500.00 25.00 1.25 250.00 2,400.00 250.00 350.00 90.00 13.50 16.50 0.20 2.00 35.00 4.00 35.00 2.00 250.00	120.00 1,500.00 1,500.00 100.00T 625.00T 500.00T 2,400.00T 250.00T 350.00T 900.00T 1,350.00T 100.00T 100.00T 175.00T 200.00T 105.00T 400.00 250.00

Thank You For Your Business In 2012! We Look Forward To Serving You In 2013!

Total

\$11,629.72



TANGE TO.	,
TATOMINO	EIROLEUM
DDRESS	

TICKET

Z 23686

	CITY, STATE, ZIP CODE	, ZIP CODE		PAGE	OF
Services,					N
SERVIGE LOCATIONS	WELL/PROJECT NO.	LEASE COUNTY/PARISH	STATE CITY	3	R
·	TICKET TYPE CONTRACTOR	RIG NAME/NO.	SHIPPED DELIVERED TO	ORDER NO.	SK-18
•	S VAL RIZ				
•	027	DENETOWAS 100 HOURS		WELL LOCATION	777
REFERRAL LOCATION	INVOICE INSTRUCTIONS				
PRICE	SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT	G DESCRIPTION	QTY. UM C	QTY. UM PRICE	AMOUNT
575		MILEAGE # 15	20 0	6,00	120 00
578		PUMP CHARGE	1 303 4	533/1/ 150000	
221		Liard KCL	4/62	25/00	100100
781		MUNELUSH	500 GAL	1 25	625,00
403		CEMENT BASKETS	2 84	5/2" 250,00	500 00
404		PORT COLLAR TOP ST # 70	SA	628 FT 2400 00	2400,00
406		CATELY DOWN PLUG - BAFFLE			250,00
407		TUSSET FLOAT SHOE W/AND I	FC 1 84	350 00	350100
409	-	TURBOLIZERS	10 EA	90 00	90000
LEGAL TERMS: Custo the terms and condition the terms are not limited to E	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to DAYMENT BELEASE INDEMNITY	REMIT PAYMENT TO:	AGREE ORMED	UN- DIS- DECIDED AGREE PAGE TOTAL	6745 00
LIMITED WARRANTY provisions	provisions.		MET YOUR NEEDS?  OUR SERVICE WAS		1772
IUST BE SIGNED BY CUSTOMER OR CUST TART OF WORK OR DELIVERY OF GOODS	IUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO TART OF WORK OR DELIVERY OF GOODS	•	PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS CALCULATIONS	Subtotal	1,075 00
ATE SIGNED	TIME SIGNED	NESS CITY, KS 67560	OU SATISFIED WITH OUR SERVICE:	11055 603/0	554 12
1-25-13	1500 PPM	785-798-2300	CUSTOMER DID NOT WISH TO RESPOND	TOTAL	11,629 72
			ב מסטו מאורות מומ מסטו אזימון זי וערי		mer

SWIFT OPERATOR WAYNE WORDS

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

309

Thank You!

APPROVAL



# TICKET CONTINUATION

ł	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	185									***************************************	290	285	284	276	283	330	328	PRICE	Services,	O N
																			SECONDARY REFERENCE/ PART NUMBER	o, line.	
																			ENCE/ ACCOUNTING	Off: 785-798-2300	PO Box 466
	CHARGE	SERVICE CHARGE										U-AZS	CFR-1	CALSEAL	Flocele	SALT	Swe	STA	G TIME		
	CHARGE CHARGE 20460											8		SAL	STC.		SWEET MULT DOOR STAVED	STANDARD COMSUT	DESCRIPTION	CHSTOMER PETRO	
	LOADED MILES									***************************************							CENTRAIS AT	9-2	NC	PETROLEUM	
31221 - 173-4	ION MILES						-	-				3 GAL	Solus		50 us	Sooluss	) OC) SKS	100 sus	ary.   um	WELL REBEL	
CONTINUA	204,60	200			 	_	 							Soows					OTY. JUM	# D	
CONTINUATION TOTAL	250100	200			_							35,00	700	35/00	2,00	20	16150	13.50	PRICE	DATE - 25-13	No. 23686
4330.00	250100	00 00 H			 _		 					105100	200 00	175100	100 00	100100	1650100	135000	AMOUNT	PAGE OF	6

ੂ JOB LO	)G			<u> </u>	SIIIIFT	Sonn	ices, Inc.  Date 1-25-13 Page
		ETROLEU	WELL NO. #		TIEASE	LEBEL	1 108 TVDC
CHART	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS	PRESSUF	RE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
NO.	1500	(BPM)	((BBL) <del>(GAL)</del>	T C	TUBING	CASING	ON LOCATION
	1000						CA AGGIZZA
	1515				1		START 51/2" CASEGE IN WELL
				ļļ			TD-4540 SET= 4533
				ļļ			TP-4533 51/2#14
							ST-34
							CETRALIZES-1,2,3,4,5,6,7,8,10,69
							CMT BSKTS - 2, 70
		***************************************					PORT COURS - 1628 TOPUT # 70
	1640						DRO, O BALL - CZECULATE
							SAU! DATE COCCUME
	1740	6/2	12	1		400	Pump 500 GAL MUSTLUSH
	1742	6/12	20	/		400	PUMP 20 BBIS KCL-FLUSH
	ا سرا دوس		<b>5</b> 2				
	1745	***************************************	7-5				PLUG RH (305KS) MH (205KS)
	1750	61/2	19			3100	MOX CEMBUT - SO SKS SMD = 12,5PAG
		Ь	24	/		200	100 SYS EAZ = 15,5 AF
					***************************************	7,00	100 SES PAZ = 10.15 PE
	1757						WASH OUT PUMP - LENES
	1757						RELEASE LATEH DOWN PLUG
	100-	7					
	1800	7	105	-		C70-	DISPLACE PLUG (1STYANK KCL)
i	1812	6	109.8			700	0 10 0 110 ( - 17 0 1
	0/0		101.0			1500	PLUG DOWN - PSZ UP (ATCH IN PLUG
i	817					OK	RELEASE PST-HEW
							WASH TRUCK
1	900						JOB COMPLETE

THANK YOU WAYNE, JEFF, ISAAC



JAN 2 8 2013

PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

# Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St.

Newton, KS 67114-8827

# INVOICE

Invoice Number: 134497 Invoice Date: Jan 17, 2013

Page: 1

Now Includes:



CustomerID	Well Name/# or Customer P.O.	Payment	Terms
Palo	Rebel #1	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jan 17, 2013	2/16/13

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
5.00	MAT	Chloride	64.00	320.00
162.09	SER	Cubic Feet	2.48	401.98
111.00	SER	Ton Mileage	2.60	288.60
1.00	SER	Surface	1,512.25	1,512.25
15.00	SER	Pump Truck Mileage	7.70	115.50
15.00	SER	Light Vehicle Mileage	4.40	66.00
1.00	CEMENTER	Dustin Chambers		
1.00	EQUIP OPER	Kevin Eddy		
1.00	OPER ASSIST	Kevin Weighous		
		Subtotal	L	5 450 52

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE
Feb 11, 2013

 Subtotal
 5,459.53

 Sales Tax
 193.74

 Total Invoice Amount
 5,653.27

 Payment/Credit Applied
 5,653.27

# ALLIED OIL & GAS SERVICES, LLC 059236

Federal Tax I.D.# 20-5975804

REMIT TO	P.O. BOX 93999
	SOUTHLAKE, TEXAS 76092

SERVICE POINT:

	Teec I	TIVO	IDANGE	CALLED OUT	IONI OCATION	IOD START	Tion civien
DATE 1-17-13	SEC.	TWP. 195	RANGE 25	CALLED OUT	ON LOCATION	JOB START 10いう	JOB FINISH
LEASE Rebel	WELL#	Ì	ļ	15 City in	× 581	COUNTY	STATE
OLD ORNEW)(Ci	rcle one)		33/45 E	לח מינו	, , , , , , , , , , , , , , , , , , , ,		lor
CONTRACTOR	1/./-	-				1/01	
CONTRACTOR TYPE OF JOB	TWC FO		, #2	OWNER			
	2/1/4	T.D.		CEMENT			
	28/4		TH 22Z		RDERED 150	1 KK /. 1	lace A
TUBING SIZE	<del>) - 1 - 3</del>	DEP		344	Zen gel	11:3-120	<del>477/</del>
	1/2	DEP					<u> </u>
TOOL		DEF	TH				
PRES. MAX		MIN	IIMUM	COMMON_	150	@ 17.90	2685.00
MEAS. LINE		SHC	DE JOINT	POZMIX		_@	
CEMENT LEFT IN	I CSG. 15	FF		GEL	3	@ 23.40	70.20
PERFS.				CHLORIDE	5	@ <u>64.00</u>	320.00
DISPLACEMENT	13.19	3 10613	Freshung	ASC	War 411/ Water Hand and Transition of the Control o	_@	
	EOUI	PMENT		•		@	
	•					@	
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	DRIVER					_@	101.69
-					162.09 7.4 × 19	<u>_@_2,48</u>	401.98
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To: Allied Oil &				***************************************		@	***************************************
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contractor to do	work as is	listed. T	he above work wa	as			
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contractor. I hav	e read and	understa	nd the "GENERA	AL CALEGRAN	((If Any)	93.23	
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				TOTAL CHA	ARGES 5,44	59,53	
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Prepared For: Palomino Petroluem Inc.

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

# Rebel #1

# 14-19s-25w Ness KS

Start Date:

2013.01.22 @ 22:41:20

End Date:

2013.01.23 @ 04:57:50

Job Ticket #: 51412

DST#: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.01.28 @ 15:06:48



Palomino Petroluem Inc. 14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51412

Rebel #1

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.01.22 @ 22:41:20

# **GENERAL INFORMATION:**

Formation:

Marmaton

Deviated:

Interval:

No Whipstock: ft (KB)

Conventional Bottom Hole (Initial) Test Type:

Tester: Unit No: Tate Lang

Time Test Ended: 04:57:50

Time Tool Opened: 00:57:50

4111.00 ft (KB) To 4250.00 ft (KB) (TVD)

Reference Elevations:

2398.00 ft (KB)

Total Depth:

4250.00 ft (KB) (TVD)

2388.00 ft (CF)

Hole Diameter:

10.00 ft

7.88 inches Hole Condition: Good

KB to GR/CF:

Serial #: 8677 Press@RunDepth: Inside

30.25 psig @

4112.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.01.22

End Date:

2013.01.23

Last Calib.: Time On Btm: 2013.01.23

Start Time:

22:41:25

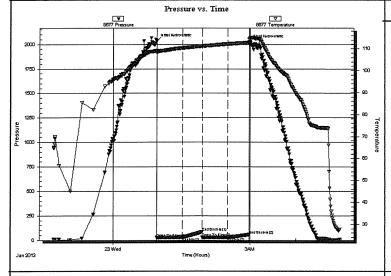
End Time:

04:57:49

2013.01.23 @ 00:57:35 Time Off Btm: 2013.01.23 @ 02:58:50

TEST COMMENT: IF-Weak surface blow built to 1"

ISI-Dead no return blow. FF-Weak surface blow. FSI-Dead no return blow.



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2035.04	109.14	Initial Hydro-static
1	26.59	108.21	Open To Flow (1)
34	29.87	110.29	Shut-In(1)
60	87.53	111.18	End Shut-In(1)
60	28.99	111.15	Open To Flow (2)
93	30.25	112.10	Shut-In(2)
121	57.25	112.79	End Shut-In(2)
122	2021.96	114.04	Final Hydro-static

# Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M w ith oil spots	0.14

# Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Ref. No: 51412 Trilobite Testing, Inc Printed: 2013.01.28 @ 15:06:49



Palomino Petroluem Inc. 14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51412

Rebel #1

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.01.22 @ 22:41:20

# GENERAL INFORMATION:

Formation:

Interval:

Total Depth:

Hole Diameter:

Marmaton

Deviated: No

Time Tool Opened: 00:57:50

Time Test Ended: 04:57:50

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial) Tester: Tate Lang

Unit No:

Reference Elevations:

2398.00 ft (KB)

2388.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8522 Press@RunDepth:

psig @

4111.00 ft (KB) To 4250.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

4112.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.01.22

End Date:

2013.01.23

Last Calib.: Time On Btm: 2013.01.23

Start Time:

22:40:55

4250.00 ft (KB) (TVD)

Outside

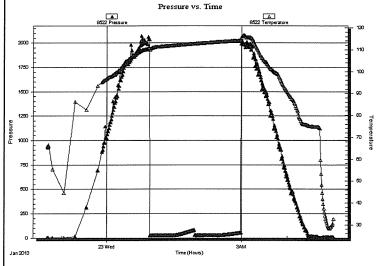
End Time:

05:01:34

Time Off Btm:

TEST COMMENT: IF-Weak surface blow built to 1"

ISI-Dead no return blow. FF-Weak surface blow. FSI-Dead no return blow.



# PRESSURE SUMMARY Pressure Temp Annotation

	(Min.)	(psig)	(deg F)	, , , , , , , , , , , , , , , , , , , ,
Temperature				
rature				

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M w ith oil spots	0.14

# Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Ref. No: 51412 Printed: 2013.01.28 @ 15:06:49 Trilobite Testing, Inc



**TOOL DIAGRAM** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51412

Rebel #1

DST#: 1

0.00 ft

ATTN: Ryan Seib

Test Start: 2013.01.22 @ 22:41:20

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4106.00 ft Diameter: Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

57.60 bbl 0.00 bbi 0.00 bbl 57.60 bbl

Tool Weight: 2200.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 82000.00 lb Tool Chased

String Weight: Initial 78000.00 lb

78000.00 lb Final

Drill Pipe Above KB: Depth to Top Packer:

22.00 ft 4111.00 ft ft

Depth to Bottom Packer: Interval between Packers: 139.00 ft Tool Length: 166.00 ft

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

<b>Tool Description</b>	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4085.00		
Shut In Tool	5.00			4090.00		
Hydraulic tool	5.00			4095.00		
Jars	5.00			4100.00		
Safety Joint	2.00			4102.00		
Packer	5.00			4107.00	27.00	Bottom Of Top Packer
Packer	4.00			4111.00		
Stubb	1.00			4112.00		
Recorder	0.00	8677	Inside	4112.00		
Recorder	0.00	8522	Outside	4112.00		
Perforations	1.00			4113.00		
Change Over Sub	1.00			4114.00		
Drill Pipe	123.00			4237.00		
Change Over Sub	1.00			4238.00		
Perforations	9.00			4247.00		
Bullnose	3.00			4250.00	139.00	Bottom Packers & Anchor

**Total Tool Length:** 

166.00

Ref. No: 51412 Trilobite Testing, Inc. Printed: 2013.01.28 @ 15:06:50



**FLUID SUMMARY** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114 Rebel #1

Job Ticket: 51412

Serial #:

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.01.22 @ 22:41:20

## **Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

Viscosity:

47.00 sec/qt 7.98 in<sup>3</sup>

Cushion Volume: Gas Cushion Type: ft bbl

ppm

Water Loss: Resistivity:

ohm.m

Gas Cushion Pressure:

psig

3600.00 ppm Salinity: Filter Cake: 1.00 inches

# **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
10.00	100%M w ith oil spots	0.140

Total Length:

Num Fluid Samples: 0

Recovery Comments:

Laboratory Name:

10.00 ft

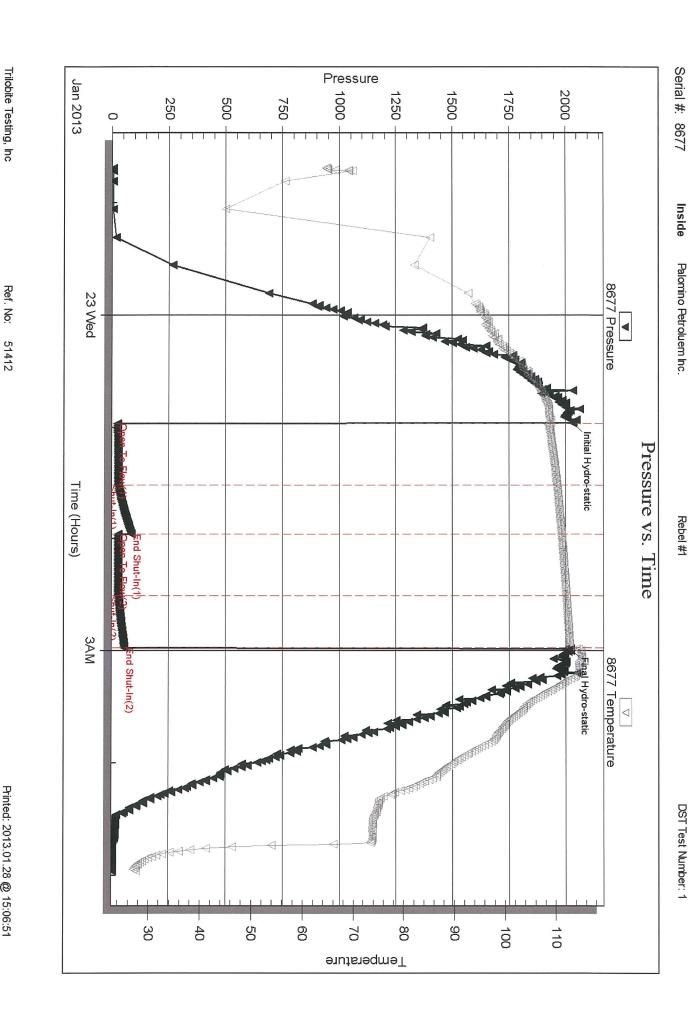
Total Volume:

0.140 bbl

Num Gas Bombs:

Laboratory Location:

Trilobite Testing, Inc Ref. No: 51412 Printed: 2013.01.28 @ 15:06:50



Printed: 2013.01.28 @ 15:06:51

Trilobite Testing, Inc

Ref. No: 51412

Printed: 2013.01.28 @ 15:06:51



Prepared For: Palomino Petroluem Inc.

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

# Rebel#1

# 14-19s-25w Ness KS

Start Date: 2013.01.23 @ 20:11:34

End Date: 2013.01.24 @ 02:15:49

Job Ticket #: 51413 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.01.28 @ 15:05:53



Palomino Petroluem Inc. 14-19s-25w Ness KS

4924 SE 84th St. **Rebel #1** 

New ton KS 67114 Job Ticket: 51413 **DST#: 2** 

ATTN: Ryan Seib Test Start: 2013.01.23 @ 20:11:34

### **GENERAL INFORMATION:**

Formation: Miss

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 22:26:34 Tester: Tate Lang
Time Test Ended: 02:15:49 Unit No: 53

Interval: 438.00 ft (KB) To 4412.00 ft (KB) (TVD) Reference ⊟evations: 2398.00 ft (KB)

Total Depth: 4412.00 ft (KB) (TVD) 2388.00 ft (CF)

Hole Diameter: 7.88 inchesHole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8677 Inside

Press@RunDepth: 26.31 psig @ 4339.00 ft (KB) Capacity: 8000.00 psig

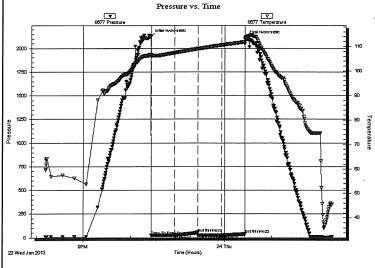
 Start Date:
 2013.01.23
 End Date:
 2013.01.24
 Last Calib.:
 2013.01.24

 Start Time:
 20:11:39
 End Time:
 02:15:48
 Time On Btm:
 2013.01.23 @ 22:26:19

 Time Off Btm:
 2013.01.24 @ 00:26:34

TEST COMMENT: IF-Weak surface blow built to 1/4"

ISI-Dead no return blow FF-Dead no blow FSI-Dead no return blow



		1 1	VECCO!	L OOMINIATE
	Time	Pressure	Temp	Annotation
,	(Min.)	(psig)	(deg F)	
	0	2126.47	106.63	Initial Hydro-static
,	1	25.35	106.14	Open To Flow (1)
	30	26.06	107.40	Shut-ln(1)
	60	53.59	109.05	End Shut-In(1)
Ten	60	25.99	109.06	Open To Flow (2)
Temperature	90	26.31	110.53	Shut-In(2)
ure	119	39.17	111.85	End Shut-In(2)
	121	2107.86	113.60	Final Hydro-static

PRESSURE SUMMARY

# Recovery Length (ft) Description Volume (bbl) 5.00 100%M w ith oil spots 0.07

Gas Rates					
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)		

Trilobite Testing, Inc Ref. No: 51413 Printed: 2013.01.28 @ 15:05:53



Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114 Rebel #1

Job Ticket: 51413

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.01.23 @ 20:11:34

## GENERAL INFORMATION:

Time Tool Opened: 22:26:34

Time Test Ended: 02:15:49

Formation:

Miss

Deviated:

Whipstock: No

ft (KB)

Test Type:

Conventional Bottom Hole (Reset)

Tester:

Tate Lang

Unit No:

4338.00 ft (KB) To 4412.00 ft (KB) (TVD)

Reference Elevations:

2398.00 ft (KB)

Total Depth:

Interval:

4412.00 ft (KB) (TVD)

2388.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

10.00 ft

Serial #: 8522 Press@RunDepth: Outside

psig @

4339.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date:

2013.01.23

End Date:

2013.01.24 02:17:24

Time On Btm:

2013.01.24

Start Time:

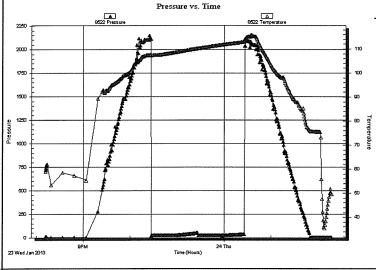
20:12:00

End Time:

Time Off Btm:

TEST COMMENT: IF-Weak surface blow built to 1/4"

ISI-Dead no return blow FF-Dead no blow FSI-Dead no return blow



# PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F)

# Recovery Description Volume (bbl) Length (ft) 5.00 100%M with oil spots 0.07 Recovery from multiple tests

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 51413 Printed: 2013.01.28 @ 15:05:54

# RILOBITE

# DRILL STEM TEST REPORT

Total Volume:

**TOOL DIAGRAM** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51413

Rebel #1

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.01.23 @ 20:11:34

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar: Length:

Length: 4323.00 ft Diameter: 0.00 ft Diameter: 0.00 ft Diameter:

12.00 ft

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

60.64 bbl 0.00 bbl 0.00 bbl

60.64 bbl

Tool Weight: Weight set on Packer: 20000.00 lb Weight to Pull Loose: 84000.00 lb

2200.00 lb

Tool Chased

0.00 ft

String Weight: Initial 80000.00 lb

Final 80000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

4338.00 ft Depth to Bottom Packer: 74.00 ft

Interval between Packers: Tool Length:

Number of Packers:

101.00 ft 2 Diameter:

ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4312.00		
Shut In Tool	5.00			4317.00		
Hydraulic tool	5.00			4322.00		
Jars	5.00			4327.00		
Safety Joint	2.00			4329.00		
Packer	5.00			4334.00	27.00	Bottom Of Top Packer
Packer	4.00			4338.00		
Stubb	1.00			4339.00		
Recorder	0.00	8677	Inside	4339.00		
Recorder	0.00	8522	Outside	4339.00		
Perforations	1.00			4340.00		
Change Over Sub	1.00			4341.00		
Drill Pipe	62.00			4403.00		
Change Over Sub	1.00			4404.00		
Perforations	5.00			4409.00		
Bullnose	3.00			4412.00	74.00	Bottom Packers & Anchor
T-4-1 T114h	. 404.00					

**Total Tool Length:** 101.00

Ref. No: 51413 Trilobite Testing, Inc. Printed: 2013.01.28 @ 15:05:55



**FLUID SUMMARY** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114 Rebel #1

Job Ticket: 51413

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.01.23 @ 20:11:34

Oil API:

# **Mud and Cushion Information**

Mud Type: Gel Chem

10.00 lb/gal

Mud Weight: Viscosity: 47.00 sec/qt Water Loss:

Resistivity:

11.98 in<sup>3</sup> ohm.m

Salinity: 3600.00 ppm Filter Cake: 2.00 inches Cushion Type: Cushion Length:

ft bbl

Water Salinity:

deg API ppm

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

psig

# **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
5.00	100%M w ith oil spots	0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbl

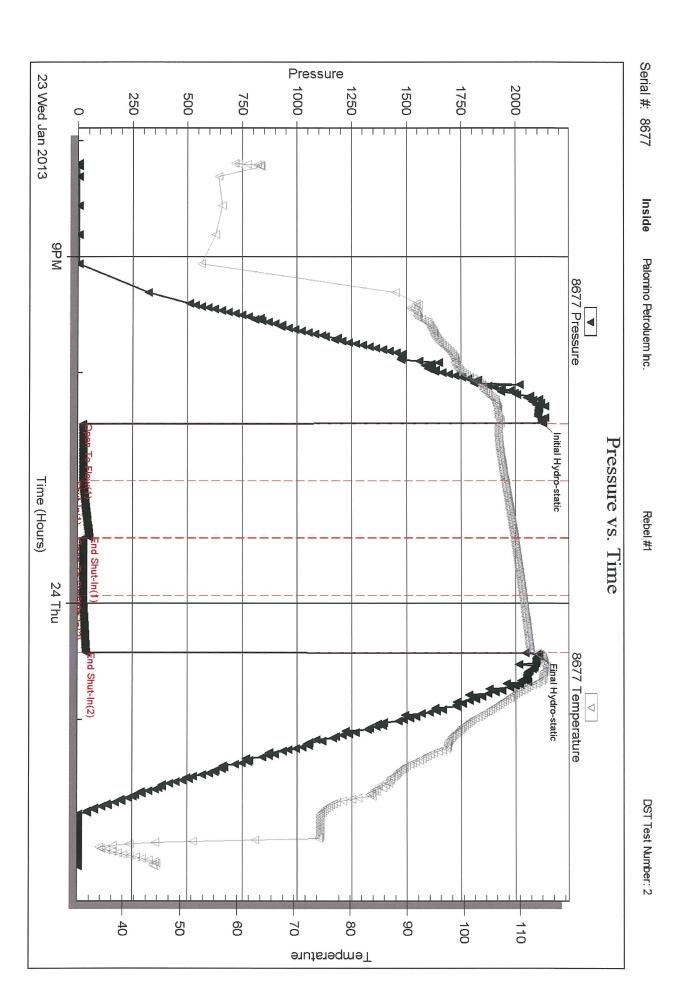
Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location: Serial #:

Laboratory Name:

Recovery Comments:

Ref. No: 51413 Printed: 2013.01.28 @ 15:05:55 Trilobite Testing, Inc

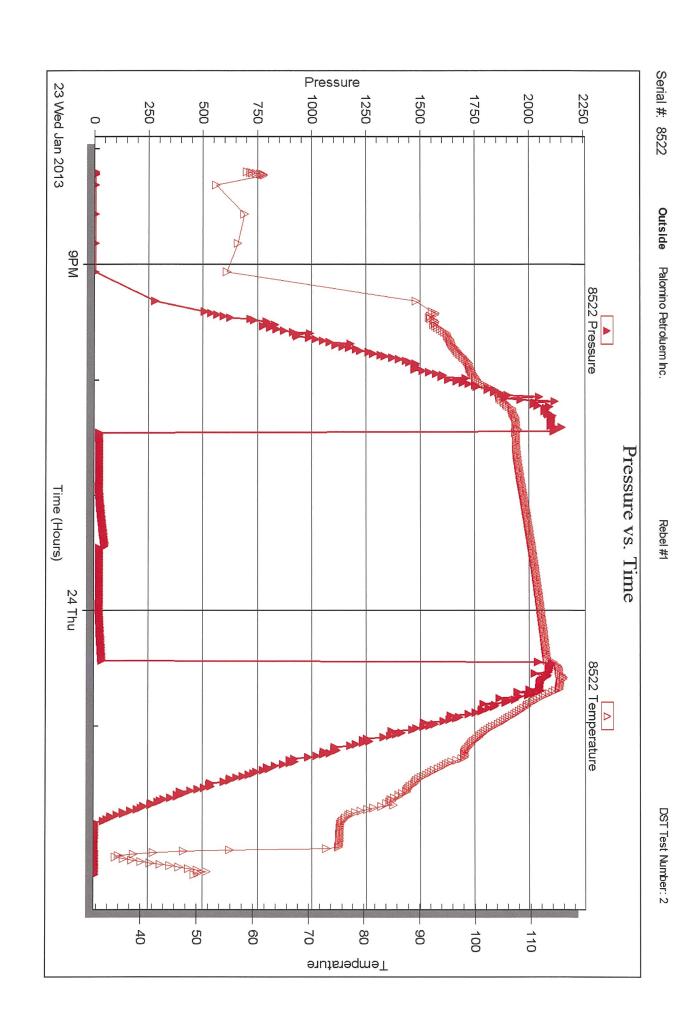


Trilobite Testing, Inc

Ref. No:

51413

Printed: 2013.01.28 @ 15:05:55



Trilobite Testing, Inc

Ref. No: 51413

Printed: 2013.01.28 @ 15:05:56



Prepared For: Palomino Petroluem Inc.

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

# Rebel #1

# 14-19s-25w Ness KS

Start Date: 2013.01.24 @ 20:45:00 End Date: 2013.01.25 @ 04:55:00 Job Ticket #: 51430 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.01.28 @ 15:03:39



Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51430

Rebel #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.01.24 @ 20:45:00

### **GENERAL INFORMATION:**

Formation:

Mississippian

Deviated:

Interval:

Whipstock:

ft (KB)

Time Tool Opened: 23:02:15

Time Test Ended: 04:55:00

4416.00 ft (KB) To 4447.00 ft (KB) (TVD)

Total Depth:

4540.00 ft (KB) (TVD)

Outside

Hole Diameter:

7.88 inches Hole Condition: Good

Test Type:

Conventional Straddle (Reset)

Tester:

**Bradley Walter** 

Unit No:

53

Reference Elevations:

2398.00 ft (KB)

2388.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8522

Press@RunDepth:

244.16 psig @

4417.00 ft (KB)

2013.01.25 Last Calib.:

Capacity:

8000.00 psig

Start Date: Start Time: 2013.01.24 20:45:05 End Date: End Time:

04:54:59

Time On Btm:

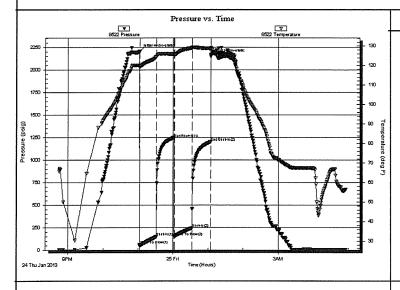
2013.01.25 2013.01.24 @ 23:02:00

Time Off Btm:

2013.01.25 @ 01:04:30

TEST COMMENT: IF: BOB @ 10 min.

ISI: Surface return. FF: BOB @ 10 min. FSI: 1/2" return.



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2202.17	120.14	Initial Hydro-static
1	58.34	118.98	Open To Flow (1)
29	146.36	124.45	Shut-In(1)
60	1238.93	125.85	End Shut-In(1)
60	150.57	125.36	Open To Flow (2)
91	244.16	129.06	Shut-In(2)
123	1197.10	128.70	End Shut-In(2)
123	2146.70	129.05	Final Hydro-static

# Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 20m 80w (oil spots)	1.68
110.00	gocm 10g 30o 60m	1.54
240.00	go 20g 80o	3.37
0.00	130 GIP	0.00
* Recovery from mo	Itinle tests	•

# Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Ref. No: 51430 Printed: 2013.01.28 @ 15:03:40 Trilobite Testing, Inc



Palomino Petroluem Inc. 14-19s-25w Ness KS

Time

(Min.)

Pressure

(psig)

4924 SE 84th St. Rebel #1

New ton KS 67114 Job Ticket: 51430 DST#: 3

ATTN: Ryan Seib Test Start: 2013.01.24 @ 20:45:00

### **GENERAL INFORMATION:**

Formation: Mississippian

Deviated: Whipstock: Test Type: Conventional Straddle (Reset) ft (KB)

Time Tool Opened: 23:02:15 Tester: **Bradley Walter** Unit No: Time Test Ended: 04:55:00 53

4416.00 ft (KB) To 4447.00 ft (KB) (TVD) Reference Bevations:

2398.00 ft (KB) Interval: Total Depth: 4540.00 ft (KB) (TVD) 2388.00 ft (CF)

7.88 inches Hole Condition: Good Hole Diameter: KB to GR/CF: 10.00 ft

Below (Straddle) Serial #: 8678

Capacity: Press@RunDepth: 4473.00 ft (KB) 8000.00 psig psig @

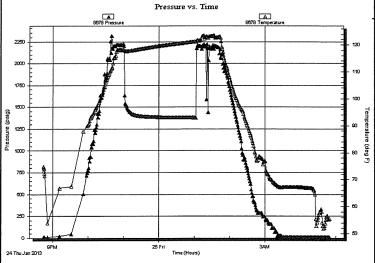
2013.01.24 End Date: Last Calib.: Start Date: 2013.01.25 2013.01.25

Start Time: 20:45:05 End Time: 04:49:14 Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 10 min. ISI: Surface return.

FF: BOB @ 10 min. FSI: 1/2" return.



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PRESSURE SUMMARY

Temp

(deg F)

Annotation

# Recovery

Description	Volume (bbl)
mcw 20m 80w (oil spots)	1.68
gocm 10g 30o 60m	1.54
go 20g 80o	3.37
130 GIP	0.00
	gocm 10g 30o 60m go 20g 80o

Gas Nai	.00	
Choke (inches)	Pressure (nsin)	Gas Rate (Mcf/d)

Con Daton

Ref. No: 51430 Printed: 2013.01.28 @ 15:03:41 Trilobite Testing, Inc



Palomino Petroluem Inc. 14-19s-25w Ness KS

4924 SE 84th St.

New ton KS 67114

Job Ticket: 51430

Rebel #1

ATTN: Ryan Seib

Test Start: 2013.01.24 @ 20:45:00

# **GENERAL INFORMATION:**

Time Tool Opened: 23:02:15 Time Test Ended: 04:55:00

Formation:

Interval:

Total Depth:

Mississippian

Deviated:

No

Whipstock: ft (KB) Test Type:

Conventional Straddle (Reset)

Tester:

Bradley Walter

Unit No:

Reference Elevations:

2398.00 ft (KB)

DST#: 3

2388.00 ft (CF)

KB to GR/CF:

10.00 ft

Hole Diameter:

4540.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

4416.00 ft (KB) To 4447.00 ft (KB) (TVD)

Serial #: 8677 Press@RunDepth: Inside

psig @

4417.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date:

2013.01.24

End Date:

2013.01.25

Time On Btm:

2013.01.25

Start Time:

20:45:05

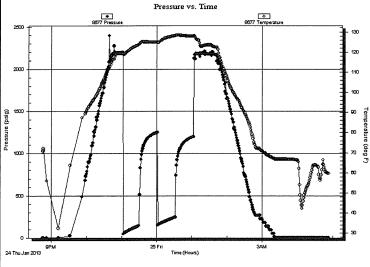
End Time:

04:53:29

Time Off Btm:

TEST COMMENT: IF: BOB @ 10 min.

ISI: Surface return. FF: BOB @ 10 min. FSI: 1/2" return.



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Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Temp				
Temperature (deg F)				
e (deg				
IJ				

# Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 20m 80w (oil spots)	1.68
110.00	gocm 10g 30o 60m	1.54
240.00	go 20g 80o	3.37
0.00	130 GIP	0.00
* Recovery from m	ultiple tests	

# Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Ref. No: 51430 Printed: 2013.01.28 @ 15:03:41 Trilobite Testing, Inc



**TOOL DIAGRAM** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114

Job Ticket: 51430

Rebel #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.01.24 @ 20:45:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4413.00 ft Diameter: Length:

0.00 ft Diameter: 0.00 ft Diameter:

Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: 61.90 bbl 0.00 bbl 0.00 bbl Tool Weight: Weight set on Packer: 25000.00 lb

2200.00 lb

Total Volume: 61.90 bbl

Weight to Pull Loose: 97000.00 lb Tool Chased 0.00 ft

String Weight: Initial 82000.00 lb Final 84000.00 lb

Depth to Top Packer: Depth to Bottom Packer:

Drill Pipe Above KB:

4416.00 ft 4444.00 ft 28.00 ft

Interval between Packers: Tool Length:

151.00 ft

2

24.00 ft

6.75 inches

Number of Packers: Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4390.00		
Shut In Tool	5.00			4395.00		
Hydraulic tool	5.00			4400.00		
Jars	5.00			4405.00		
Safety Joint	2.00			4407.00		
Packer	5.00			4412.00	27.00	Bottom Of Top Packer
Packer	4.00			4416.00		
Stubb	1.00			4417.00		
Recorder	0.00	8677	Inside	4417.00		
Recorder	0.00	8522	Outside	4417.00		
Perforations	26.00			4443.00		
Blank Off Sub	1.00			4444.00		
Packer	3.00			4447.00		
Blank Spacing	1.00			4448.00	28.00	Tool Interval
Packer	5.00			4453.00		
Perforations	19.00			4472.00		
Change Over Sub	1.00			4473.00		
Recorder	0.00	8678	Below	4473.00		
Drill Pipe	63.00			4536.00		
Change Over Sub	1.00			4537.00		
Bullnose	3.00			4540.00	96.00	Bottom Packers & Anchor

**Total Tool Length:** 

151.00

Trilobite Testing, Inc Ref. No: 51430 Printed: 2013.01.28 @ 15:03:42



**FLUID SUMMARY** 

Palomino Petroluem Inc.

14-19s-25w Ness KS

4924 SE 84th St. New ton KS 67114 Rebel #1

Job Ticket: 51430

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.01.24 @ 20:45:00

## **Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight:

Viscosity:

9.00 lb/gal

47.00 sec/qt

7.19 in<sup>3</sup> Water Loss: Resistivity: ohm.m

Salinity: 3200.00 ppm Filter Cake: 1.00 inches Cushion Type: Cushion Length:

ft

Oil API: Water Salinity:

36 deg API 29000 ppm

bbl

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

psig

# **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl	
120.00	mcw 20m 80w (oil spots)	1.683	
110.00	gocm 10g 30o 60m	1.543	
240.00	go 20g 80o	3.367	
0.00	130 GIP	0.000	

Total Length:

470.00 ft

Total Volume:

6.593 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location: Recovery Comments: rw is .410 @ 40F = 29000ppm

Trilobite Testing, Inc Ref. No: 51430 Printed: 2013.01.28 @ 15:03:43

30

40

50

60

70

80

Temperature (deg F)

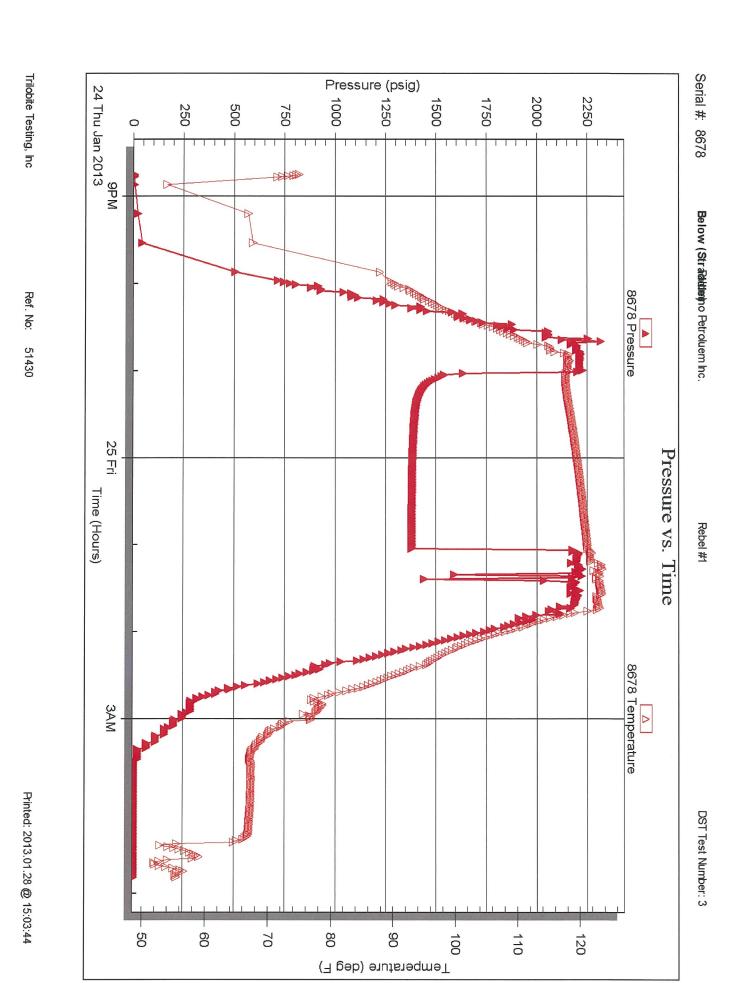
90

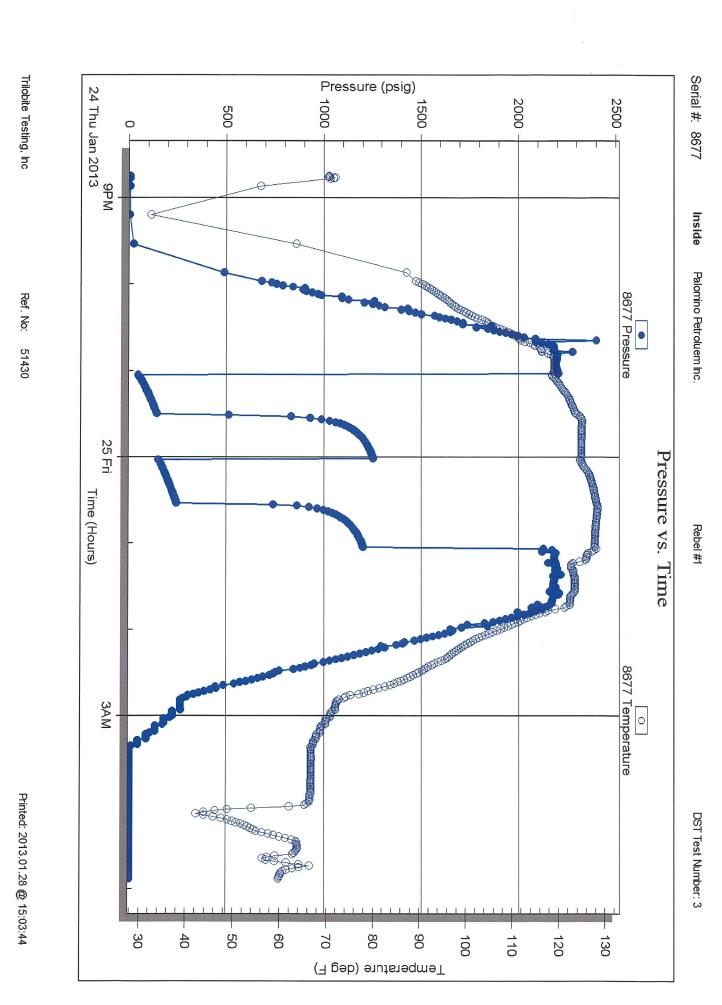
110

120

130

100







# **Test Ticket**

NO. 51412

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Ach	p/#/				1-9	29-12
Company Palonine	Detcol	iem Inc.	Test N	,	Date / -/	e (>
Address 49243		5+ New			KB 23.	QQ GL
Co. Rep / Geo. Ryan	Seih	J NEW	70(( / ( -	1/2/#	5	ht distribution and a comment of the second
Location: Sec. 14	Twp. / 9	5 Rge. 25		1/235	State /	WC
Interval Tested 4111	425				otate ,	
Anchor Length	120	7 (	Marn	1 . /		innerent i sad en i constant-lipspringhelijk deplektivent brensmennen en e
Top Packer Depth	//1	$\sim$	ın, Run		Mud Wt. 9,4	
Bottom Packer Depth	41	Wt. Pipe Ru			Vis 47 WL 80	de grando, antido de servicio de desde del debeno, especia a ser se
Total Depth	42	_		ppm System		
Blow Description	Weakers	Fave blow	huil +	ppin system	LCM	
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RecFeet of_		201-1101	∪ <b>~</b> %ga	s %oil	%water	%mud
RecFeet of			%ga	s %oil		%mud
Rec [O Feet of _	wd	with oil	5065 %ga	s %oil	The state of the s	/60%mud
Rec Feet of _			<b>/</b> / %ga	s %oil	•	%mud
RecFeet of _	ninkkiski kolok omni kalalalalalali		%ga	s %oil	%water	%mud
Rec Total / / /	внт //	Gravity	API RW	<u> </u>	°F Chlorides	ppm
(A) Initial Hydrostatic 20	35		)	T-On	Location 22	1/3
(B) First Initial Flow	27	Jars 25	0	T-Sta	irted	41
(C) First Final Flow	30	Safety Joint	75	T-Op	eni	0/
(D) Initial Shut-In	88	Circ Sub	1 / /	T-Pu		2/
(E) Second Initial Flow	29	☐ Hourly Stand	iby	T-Ou	ments Pipe cover	
(F) Second Final Flow	30		00 K/	7 155	utwalk to	
(G) Final Shut-In	57	☐ Sampler			Sost to act	my tool on
(H) Final Hydrostatic	2022	☐ Straddle	ayar magangan ay ayan <del>giyakana ka aka aka aka aka a sa </del>	an and the second secon	Sust to get. Ruined Shale Packer	walk
21		Shale Packe	r 250		Ruined Packer	
Initial Open		_ ☐ Extra Packer	AND CONTRACTOR COMMISSION CONTRACTOR CONTRAC		Extra Copies	and the Second Construction of the Second Construction (Second Construction (Second Construction (Second Const
Initial Shut-In 36		_ ☐ Extra Record	Jer	Sub	Total 0	adrasion o copy a caso militaria de ministra de la caso
Final Flow	30	☐ Day Standby	dinadilli (Algoria)	Total	1980	
Final Shut-In	30	Accessibility	Amountains of the programme and the control of the state of the control of the co	MP/	DST Disc't	· Commence and · · · · · · · · · · · · · · · · · · ·
		Sub Total 198			1 1/2	/
Approved By			Our Representa	ative		
Trilobite Testing Inc. shall not be liable for dam equipment, or its statements or opinion concer	aged of any kind of the prop ning the results of any test,	erty or personnel of the one for tools lost or damaged in the hol	whom a test is made, or e shall be paid for at cos	t by the pay for whom th	e test is made.	the use of its



# **Test Ticket**

No. 51413

1515 Commerce Parkway • Hays, Kansas 67601

.4 1 1	٠					
Well Name & No. Lebe	# /	Test No	2	Date 1-23	12	
Well Name & No. Lebe / Company Palamino F	etrolven Inc.	Elevation	2398	кв 238	GL	
Address				- Commission of the Commission		
Co. Rep / Geo. Rym Seil	6	Rig	1 = 2			
Location: Sec		SW co. Ne	55	State	5	
Interval Tested 4338	4412 <sub>Zone Teste</sub>	ed Miss			***************************************	
Anchor Length	74 Drill Pipe F	1100 =	<b>7</b> ми	ud Wt. 95		
Top Packer Depth	4334 Drill Collars	(D)	Vis	11-	**************************************	
Bottom Packer Depth	4/338 Wt. Pipe R	^	W	120	>	
Total Depth		3600 ppn	n System LC	M_0		
Blow Description IV - We		low built +	<b>\</b> / .			
ISI - Dea	<b>\</b>					
FF, lead	. 1 1 .		ia dalaronom <del>ina katika kiloonaa</del> ka <i>1,00</i> 0 kilokiki katika noonaa oo uu agaasik shirii kilo	Onderson de la contenta de la Conte		
F57- Nec	ad no Return	, blow,			VIII TANIFATA (MATALANIA IN TANIFATANIA IN TANIFATA	
Rec Feet of		%gas	%oil	%water	%mud	
Rec Feet of		%gas	%oil	%water	%mud	
Rec 7 Feet of MV	d With Oils	pots %gas	%oil	%water /	ク <b>ク</b> %mud	
RecFeet of		%gas	%oil	%water	%mud	
RecFeet of		%gas	%oil	%water	%mud	
Rec Total BHT	Gravity	API RW(	<u> </u>	hlorides	ppm	
	Y Test 12	250	T-On Loca	ition //	35	
(B) First Initial Flow 35	Jars 25		T-Started	2010	Oldrandson of the second of th	
(C) First Final Flow	¥ Safety Joir	. , , ,	T-Open	100	9	
(D) Initial Shut-In 54	Circ Sub	N/C	T-Pulled T-Out	015	2	
(E) Second Initial Flow	☐ Hourly Sta	A 1 -	Comments			
(F) Second Final Flow	Mileage	100 14/155			179/06/89/811 III 1 Februarishidakan (Februarish)	
(G) Final Shut-In 39	☐ Sampler	rakki shiki suman nandhikhiki shi samajan Addorik suman agaa akkid sumu sakasa ayay dhiki dhiliik				
(H) Final Hydrostatic 2/08				d Shale Packer	пистиненти политирации с политирации	
20	(X) Shale Pack	ker 250	- 🗆 Ruined	d Packer	and the second s	
tial Open			– 🔲 Extra	☐ Extra Copies		
Initial Shut-In 30	☐ Extra Reco	order	Sub Total		Maliferiano como de como en companha contro estra de contro de con	
Final Flow	27	by		980	remails (************************************	
Final Shut-In		ty	_ MP/DST	Disc't		
	Sub Total 19		1.0	(1/		
Approved By		Our Representative	/Ww/			

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party or whom the test is made.



# RILOBITE ESTING INC.

1515 Commerce Parkway - Hays, Kansas 67601

# **Test Ticket**

NO. 51430

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Test No.	3	Date 1/25/	12,
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Drill Collars Run			
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wity 36 APIRW 418	<u>) @_4C_</u> °F	Chlorides <u>39</u>	<u>000</u> ppm
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Jars 250			All And the company of the second of the contract of the contr
Safety Joint 75			
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Our Representative_	Soft of	1-2-	
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